



EXPLANATION

- Location of well; figure gives last digit of well number.
- Location of spring; figure gives last digit of spring number.
- Miscellaneous data-collection site; letter symbol of site number.
- Basin boundary

SCALE 0 2 4 6 8 10 MILES
CONTOUR INTERVAL 20 FEET

MAP SHOWING LOCATIONS OF WELLS, SPRINGS, AND MISCELLANEOUS DATA-COLLECTION SITES IN THE ERIE-NIAGARA BASIN, NEW YORK

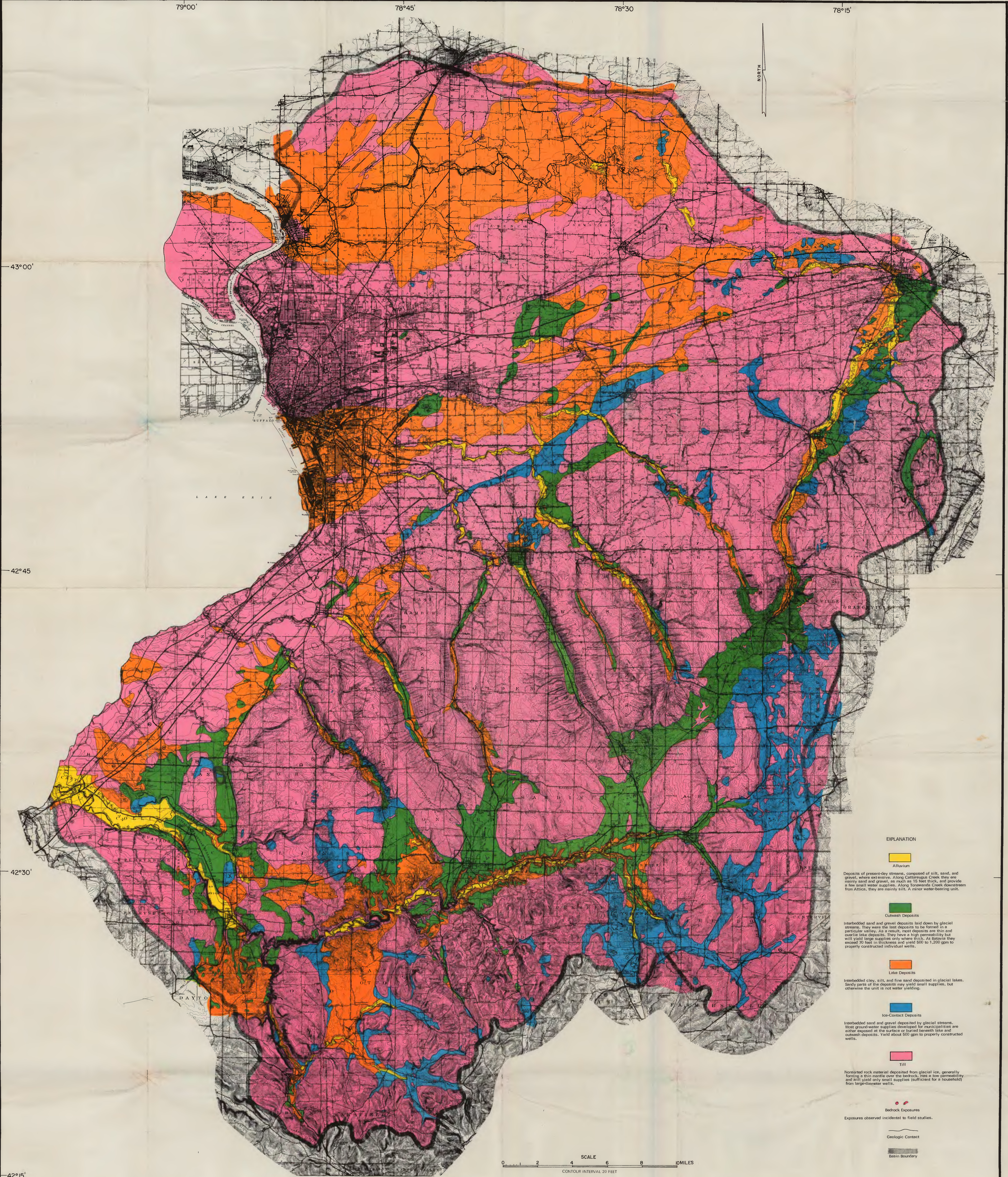


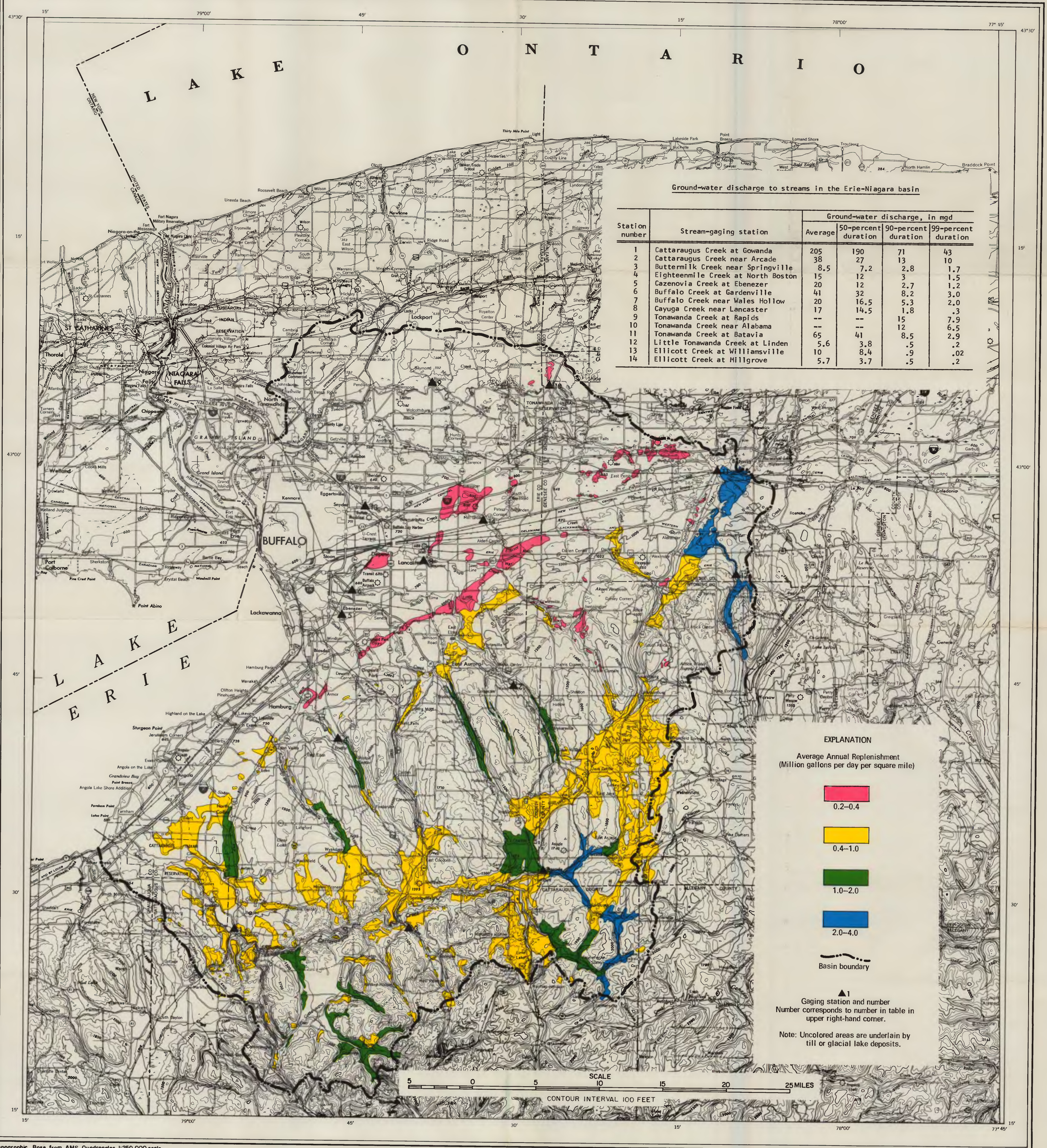
EXPLANATION	
Paleozoic	SHALE UNITS
	Dct Conneaut Group of Chadwick (1934)
	Dc Canadaway Group of Chadwick (1933)
	Dj Java Formation
	Dw West Falls Formation
	Dg Genesee and Sonyea Formations
	Di Ludlowville and Moscow Shales
	Dm Marcellus and Skaneateles Shales
	Note: Yields of wells range from less than 1 gpm to about 40 gpm, more commonly from 3 to 15 gpm.
	LIMESTONE UNITS
Upper Silurian	Do Onondaga Limestone
	Sb Bertie Limestone and Akron Dolomite
	Note: Yields range from about 1 to 300 gpm; the largest yields are obtained in the western part of the outcrop belt. Yields of 100 gpm are generally obtainable in some parts of the outcrop belt, but yields of 30 gpm or less are more common.
	Sc Camillus Shale
	Note: Yields of wells range from a few gallons per minute to 1,200 gpm. The larger yields (300 to 1,200 gpm) are obtained at places in the western end of the outcrop belt. The maximum yield available generally is less than 50 gpm.
Middle Silurian	Sl Lockport Dolomite
	Note: Yields of wells average 30 gpm and range from about 1 to 100 gpm.

Geologic contact

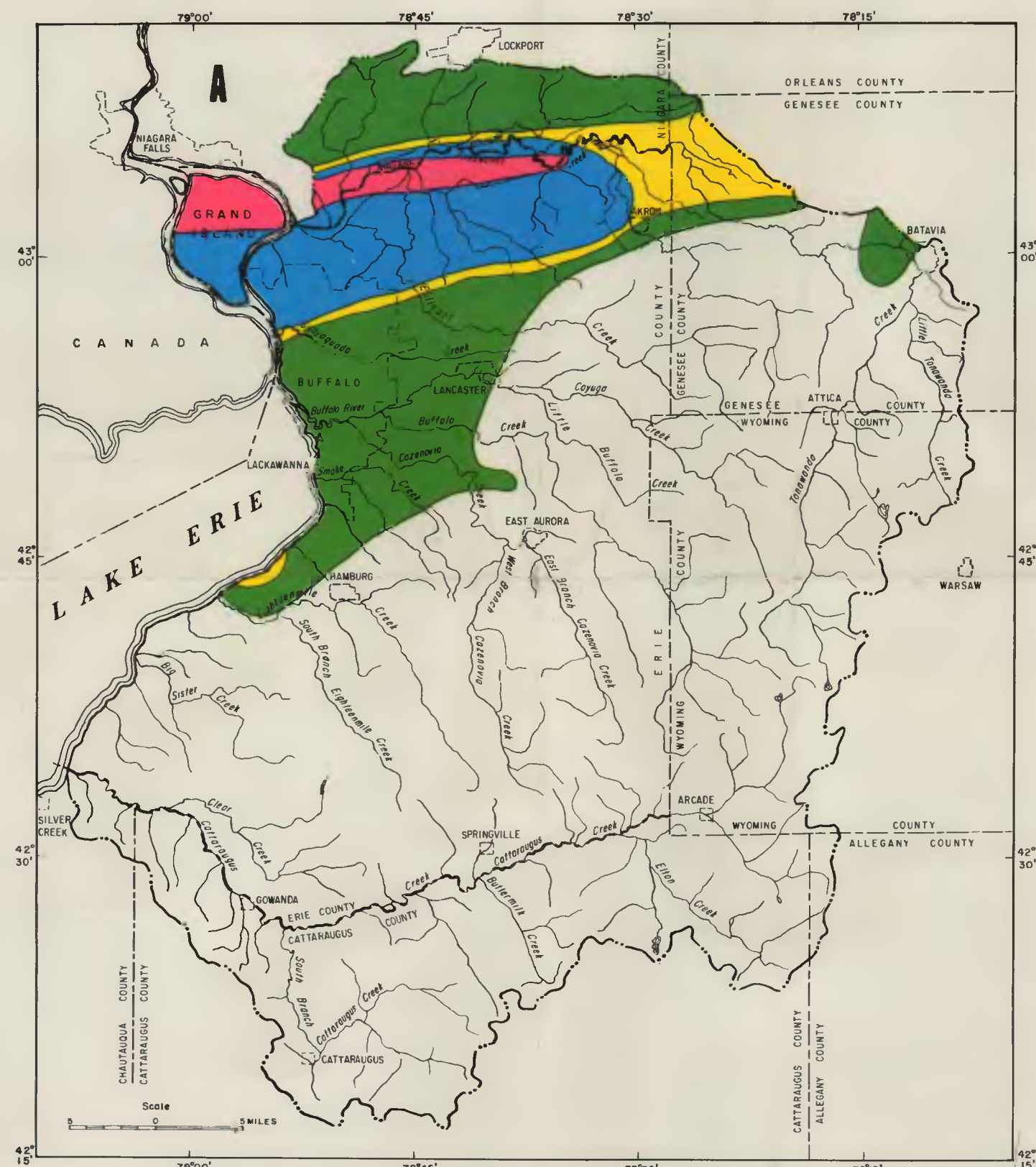
Inferred normal fault hachures on downthrown side

Basin boundary

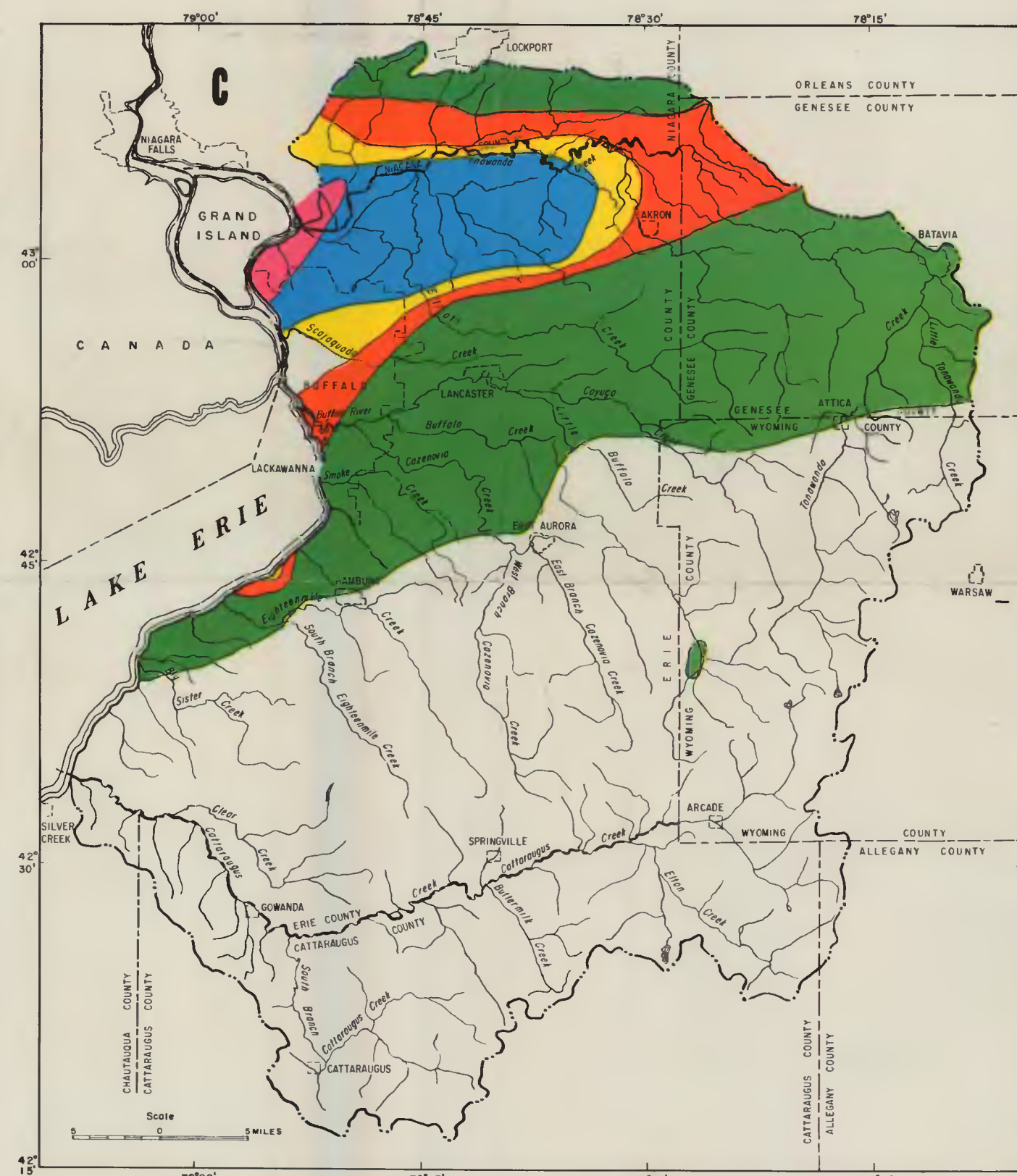




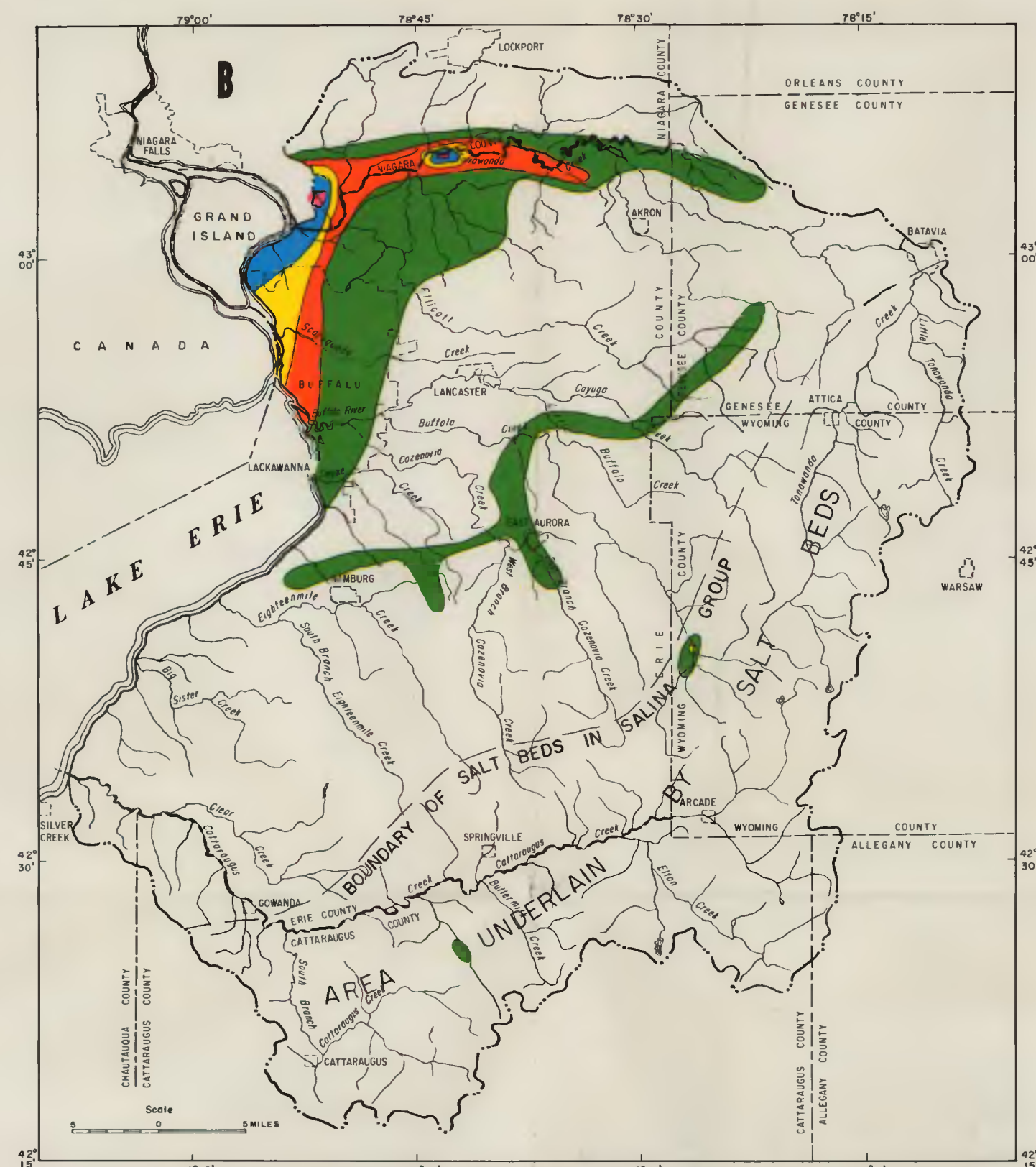
MAP SHOWING AVAILABILITY OF GROUND WATER IN SURFICIAL SAND AND GRAVEL DEPOSITS IN THE ERIE-NIAGARA BASIN, NEW YORK



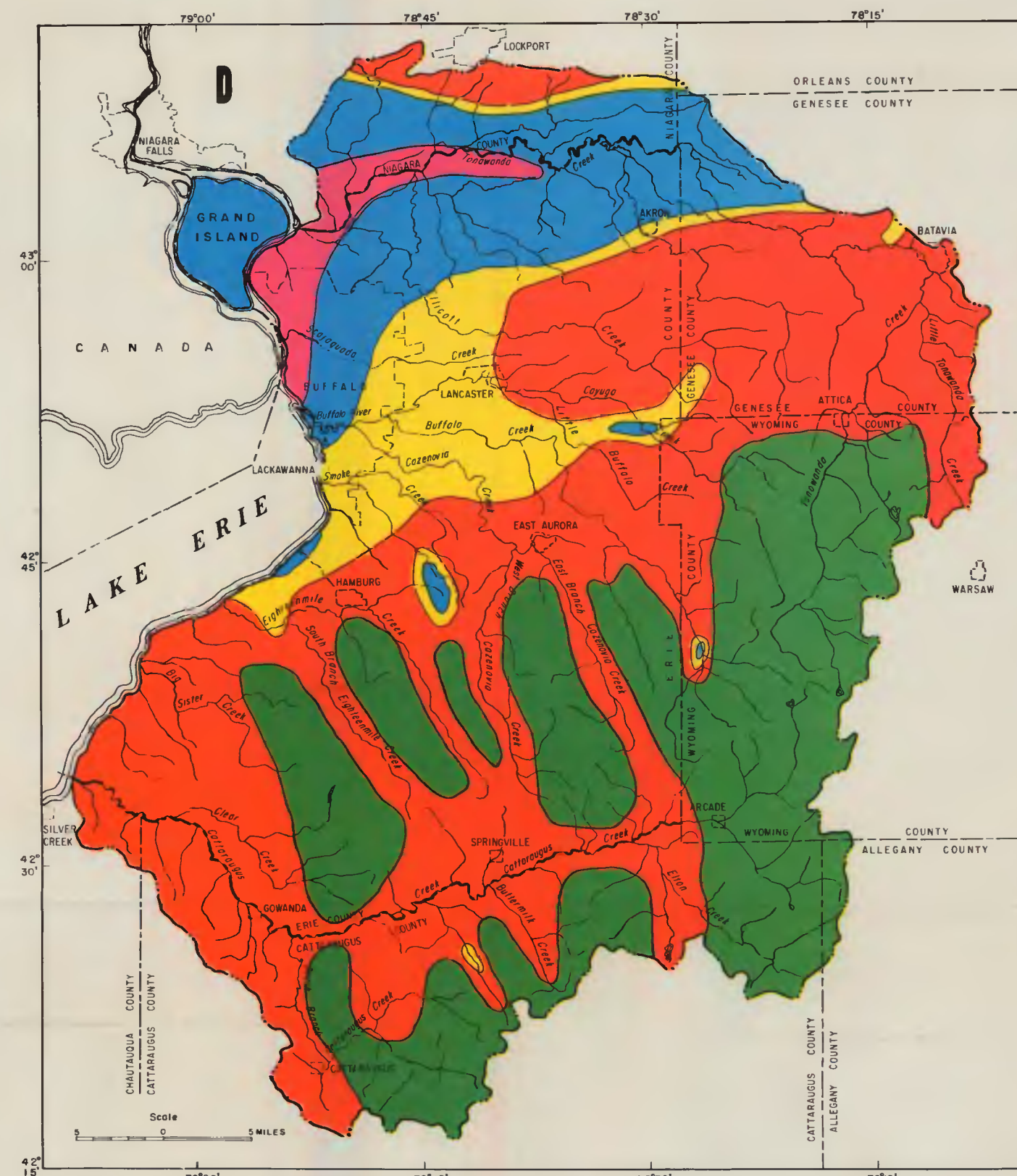
EXPLANATION
Sulfate content, in parts per million
0-100 100-500 500-1000 1000-1500 1500-2000
Basin boundary
SULFATE CONTENT OF WATER IN BEDROCK



EXPLANATION
Hardness (as CaCO_3), in parts per million
< 250 250-500 500-1000 1000-1500 1500-2000 2000-3000
Basin boundary
HARDNESS (as CaCO_3) OF WATER IN BEDROCK



EXPLANATION
Chloride content, in parts per million
< 100 100-500 500-1000 1000-1500 1500-2000 2000-2500
Basin boundary
CHLORIDE CONTENT OF WATER IN BEDROCK



EXPLANATION
Specific conductance, in micromhos per centimeter at 25°C
< 500 500-1000 1000-1500 1500-3000 3000-9000
Basin boundary
SPECIFIC CONDUCTANCE OF WATER IN BEDROCK